

**Perimeter Security Fence- East Lake Community Park: 24809 Wallick Rd.
Sorrento, FL 32776**

- 1.01 SCOPE OF WORK: Provide all labor, materials, equipment, fuel and other incidental costs and supervision necessary for the removal of the existing temporary fencing and the installation of approximately 980 FT of 8 ' high black vinyl coated 6 gauge schedule 40 chain link fencing. All work and equipment shall be in strict compliance with the latest codes, standards and practices.

Misc. Items to be noted:

- The Contractors installation when completed, shall match the existing 8' Black vinyl coated chain link fence.
- All fencing is to be installed as shown on attached plan.
- All existing fence & posts to be removed and stored next to the maintenance container on site

Fence details for 8 FT High Fencing:

8' High Black Vinyl Coated 6 gauge-schedule 40 chain link fence is required . Steel Chart for schedule of sizes of members is as follows:

Height of fence- 8 FT

Diameter of line posts- 2 ½ "

Post spacing Max- 6FT

Corner & end post-3 " diameter

Top, Mid & Line Rail –1 5/8" diameter

Depth of post into footing (line post & end / gate/ corner post) – 1'-8"

Diagonal Braces – ½ "diameter

Mesh to be placed on the outside of the fencing.

Tie wire, #6 W & M gauge aluminum ties @ 15 o.c. for rails. Ties to be 12" apart on posts. End of ties should be wound in a telegraph, trust 2 ½ turns. Horizontal braces at corner & End posts 1 5/8 "

- 1.02 SUBMITTALS:

- A. Submit product data/specification and shop drawings to Park and Trails Division for review and approval of all items of work.
- B. All submittals to be approved by Parks and Trails Division prior to contractor delivering materials to site.

- 1.03 FIELD CONDITIONS: Verify and coordinate all work to field locations and dimensions.

- 1.04 PRODUCT HANDLING:

- A. Deliver products to site in manufacturer's containers or packaging.
- B. Store in secure and weather protected area.
- C. Return all damaged products to manufacturer.

PART II – PRODUCTS

- 2.01 MATERIALS: Provide products as called for on the drawing and specified herein. See furnishing schedule and descriptions on drawings for specific products and Manufacturer's specs.

PART III – EXECUTION

3.01 WORKMANSHIP:

- A. All furnishings described herein shall be installed by qualified tradesman. All installation work and materials to be per manufacturer's specifications, or as directed by the Owner's Representative.
- B. All work and materials are subject to the approval of the County.
- C. All products shall be inspected by the County for damage and chipped or marred finish. Contractor shall replace any damaged or rejected products at no conditional cost to the owner. The owner's representative may at his option authorize acceptance of chipped or scratched painted surfaces repaired by contractor at his own risk.

3.1 INSTALLATION

- A. Install furnishing in locations as indicated on the plans and details. Assure that all furnishings are installed plumb and level and in accordance with the plans and details.
- B. Install as per manufacturer's specifications

3.2 ACCEPTANCE

- A. The County will review each installation to determine compliance with plans and specifications prior to final acceptance of the work.
- B. Any work not installed in accordance with the plans and specifications and rejected by the County shall be removed and replaced at the Contractor's expense.

3.4 CLEANING

- A. Perform cleaning during installation of the work and upon completion of the work. Remove from site all excess materials, soil, debris, and equipment.

Olmac Road



P
Parking

Multi-Use Trail



Restroom

Exercise Station



Pavilion


Playground

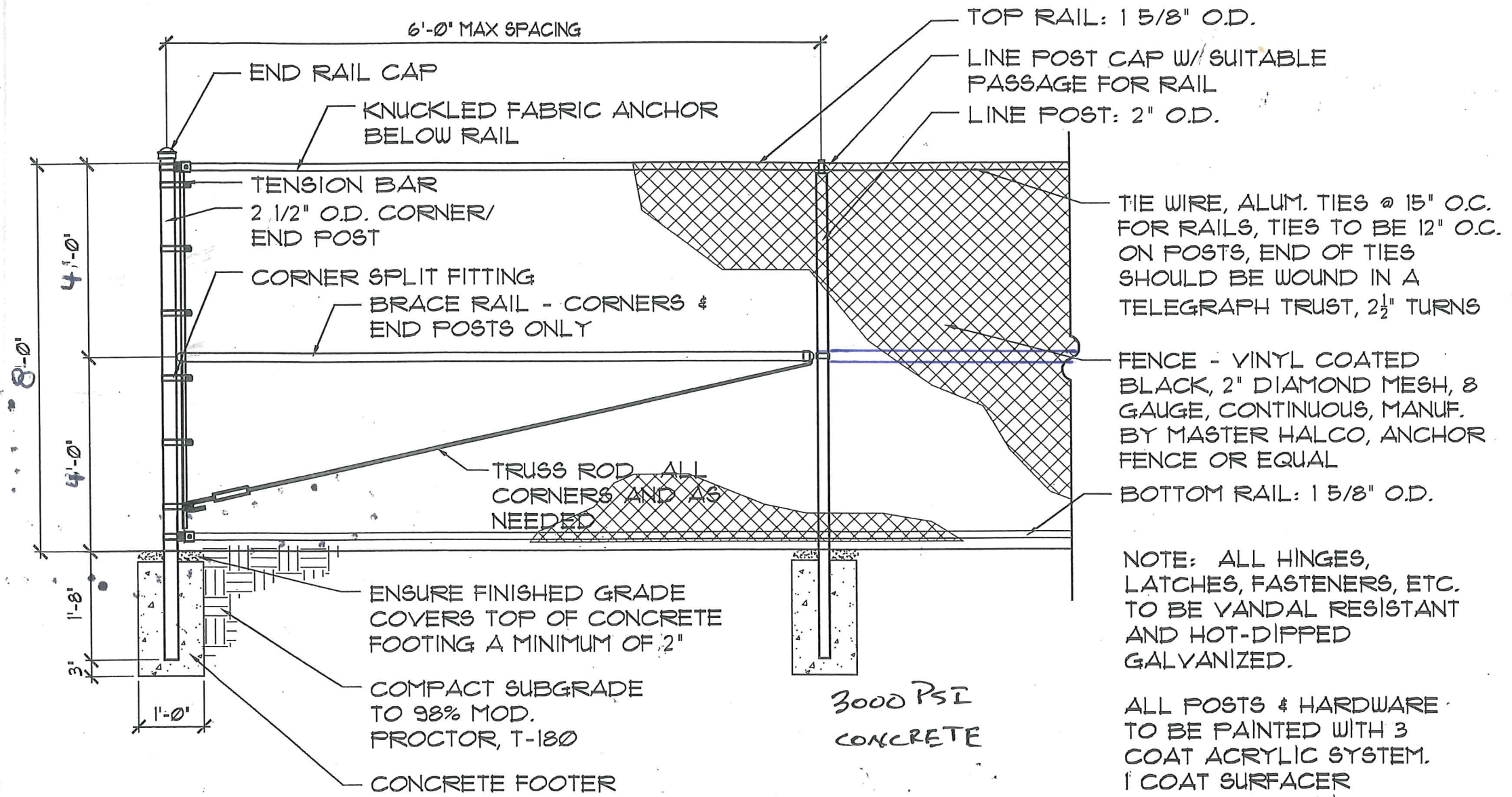
 Dog Park



Concession

Batting Cages

①



CHAINLINK FENCE DETAIL

2 CORNER FITTING

SCALE: HALF SCALE

*14 STAINLESS STEEL DRIVE SCREWS

NOTE: EACH CORNER FITTING TO BE ATTACHED TO CORNER POST WITH TWO STAINLESS STEEL DRIVE SCREWS. (ONE DRIVE SCREW FOR EACH HALF OF CORNER FITTING)

ELEVATION

CORNER FITTINGS CAN BE SET AT ANY ANGLE

SPLIT FITTINGS - $\frac{3}{16}$ " MINIMUM THICKNESS

$\frac{3}{8}$ " CARRIAGE BOLT

*14 STAINLESS DRIVE SCREWS ON BOTH HALVES OF SPLIT FITTING

PLAN

3 BOULEVARD

SCALE: HALF SCALE

OUTSIDE DIA. POST SEE SCHEDULE

$\frac{3}{8}$ " DIA. CARRIAGE BOLTS

BOULEVARD - SPLIT FITTING $\frac{3}{16}$ " MIN. THICKNESS

$1\frac{5}{8}$ " DIA. RAIL

$1\frac{3}{4}$ "

VARIES

$1\frac{3}{4}$ "

PLAN

ALL CORNERS TO BE ROUNDED

NOTE:

A = $1\frac{3}{4}$ " FOR 2" - $4\frac{1}{2}$ " O.D. POST

B = $1\frac{5}{8}$ " FOR 2" O.D. OR SMALLER POST

C = $2\frac{1}{2}$ " NOM. O.D. OR LARGER - 2 BOLTS REQUIRED

4 END FITTING

SCALE: HALF SCALE

OUTSIDE DIA. END POST

SPLIT FITTING $\frac{3}{16}$ " MIN. THICKNESS

$\frac{3}{8}$ " CARRIAGE BOLT

$1\frac{5}{8}$ " DIA. RAIL

TWO *14 S.S. DRIVE SCREWS

PLAN

NOTE: MINIMUM WIDTH OF END FITTING TO BE $2\frac{1}{4}$ "

5 TOP RAIL COUPLING

SCALE: HALF SCALE

$\frac{1}{4}$ " DIAMETER RIVET

COUPLING - PIPE - $\frac{1}{8}$ " MINIMUM THICKNESS

STEEL PIPE

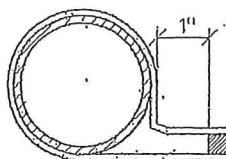
$1\frac{5}{8}$ " DIAMETER TOP RAIL

ELEVATION

NOTE: FURNISH ONE COUPLING FOR EACH LENGTH OF PIPE IN TOP RAIL - FULL LENGTH OF PIPE EQUALS 21'-0"

6 TENSION MEMBERS

SCALE: HALF SCALE



$\frac{3}{8}$ " DIA. CARRIAGE BOLT

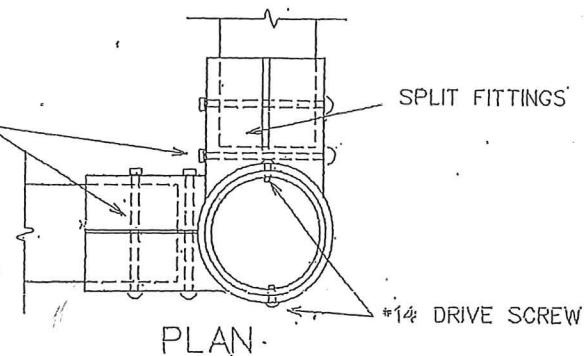
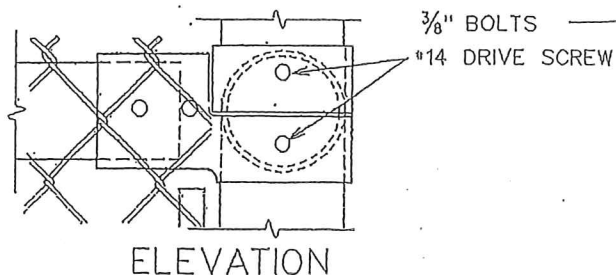
TENSION BAND - 1" WIDE, $\frac{1}{8}$ " THICK

TENSION BAR - $\frac{3}{4}$ " WIDE, $\frac{1}{4}$ " THICK FOR 2" & $1\frac{1}{2}$ " MESH, $\frac{3}{8}$ " WIDE X $\frac{3}{16}$ " THICK OR $\frac{3}{8}$ " DIA. S. FOR 1" MESH

PLAN

7 CORNER SPLIT FITTING

SCALE: 3"=1'-0"



8 SMALL POST CAP

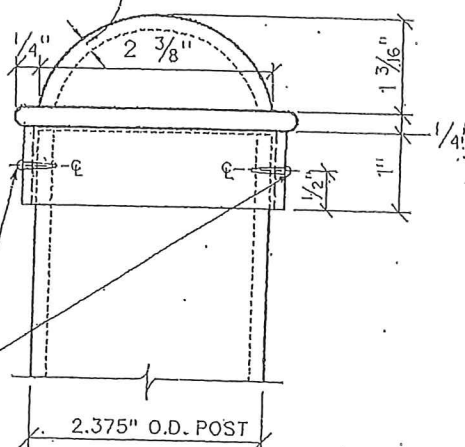
SCALE: FULL SCALE

WALL THICKNESS 3/16" THROUGHOUT

NOTE: POST CAP IS TO BE OF MALLEABLE IRON OR PRESSED STEEL.

CAP TOP FOR 3'-6" AND 4'-0" HIGH FENCE TO BE A SMOOTH "DOME" SHAPE. FOR 6'-0" HIGH FENCES, POST CAPS CAN BE "DOME" OR "BULLET" SHAPED.

POST CAP IS TO FIT SNUGLY OVER POST AND IS TO BE FIXED IN PLACE WITH TWO #14 STAINLESS STEEL DRIVE OR SET SCREWS.



9 END, CORNER, & GATE POST CAP

SCALE: FULL SCALE

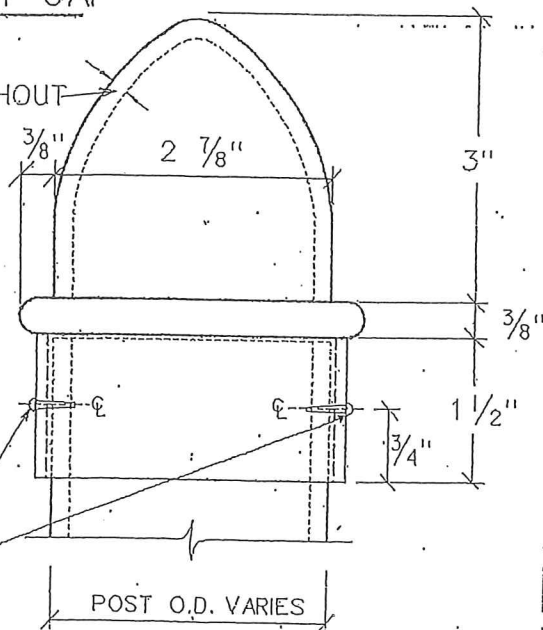
WALL THICKNESS 3/16" THROUGHOUT

NOTE: POST CAP IS TO BE OF MALLEABLE IRON.

FOR 4" OUTSIDE DIAMETER POST, POST CAP SHALL POSSESS DIMENSIONS THAT ARE IN PROPORTION TO DIMENSIONS BELOW FOR 2 7/8" OUTSIDE DIAMETER POST CAP.

CAP TOPS FOR 3" OUTSIDE DIA. AND 4" OUTSIDE DIA. POSTS ARE TO POSSESS A SMOOTH "BULLET" SHAPE. FOR 2 1/2" OUTSIDE DIA. POST CAP - SEE DETAIL 9

POST CAP IS TO FIT SNUGLY OVER POST AND IS TO BE FIXED IN PLACE WITH TWO #14 STAINLESS STEEL DRIVE OR SET SCREWS.



10 POST LINE TOP

SCALE: FULL SCALE

NOTE: WIDTH OF LINE TOP OVAL TO BE MINIMUM OF $\frac{5}{8}$ " AND A MAXIMUM OF $\frac{7}{8}$ ". LINE TOP IS TO BE OF MALLEABLE IRON.

INSIDE OF LINE TOP OVAL IS TO BE ALIGNED WITH OUTSIDE WALL OF LINE POST. CHAIN LINK MESH MUST BE STRAIGHT FROM LINE POST TO TOP RAIL.

WALL THICKNESS TO BE $\frac{3}{16}$ " THROUGHOUT

$1\frac{5}{8}$ " DIA. TOP RAIL

POST CAP IS TO FIT SNUGLY OVER POST AND IS TO BE FIXED IN PLACE WITH TWO # 14 STAINLESS STEEL DRIVE OR SET SCREWS.

